

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001004

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: B32B 3/10, 3/12, 3/20, 3/24, 3/26, 3/28, 3/30, 5/26, 5/28, 15/02, 15/14; F41H 1/02, 5/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
B32B 3/-, 5/26, 5/28, 15/-; F41H 1/02, 5/04 with key words indicated below

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI: IPC as above with key words ballistic, load force, dissipate, energy, metal, mesh, fibre, fiber, foam, expand

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 10153165 A1 (Wellnitz J.), 8 May 2003 & Derwent Abstract Accession No. 2003-450513/43, Class F04 Whole document	1- 30
A	"Static Properties of Fibre Metal Laminates", Hagenbeek M. et. Al., Applied Composite Materials Vol. 10, no 4- 5, pp 207- 222, July 2003. ISSN 0929-189X Ingenta Online Abstract	1- 30
A	US 2003/0180517 A1 (Karall), 25 September 2003 Whole Document	1- 30
A	US 5903920 A (Granqvist), 18 May 1999 Whole Document	1- 30

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
6 September 2004

Date of mailing of the international search report
13 SEP 2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6063716 A (Granqvist), 16 May 2000 Whole Document	1- 30

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001004

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
DE	10153165				
US	2003180517	AT	4172000	AU	38998/01
		EP	1263579	WO	0168361
US	5903920	AU	32354/97	EP	0868643
		SE	9504706	US	6063716
				NO	983023
				WO	9724574
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					